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INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
(use as many sheets as necessary)					
Sheet	1	of	2		

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Examiner Signature		Date Considered	4/25/05
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**INFORMATION DISCLOSURE
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Sheet 2

of 2

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Application Number	Not yet assigned
Filing Date	August 15, 2003
First Named Inventor	Zou et al.
Group Art Unit	Unknown
Examiner Name	Unknown
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BMR		Kirill M. Popov et al., "Primary Structure of Pyruvate Dehydrogenase Kinase Establishes a New Family of Eukaryotic Protein Kinases," <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 35, Issue of December 15, pp. 26602-26606, 1993.	
		Ramavedi Gudi et al., "Diversity of the Pyruvate Dehydrogenase Kinase Gene Family in Humans," <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 48, Issue of December 1, pp. 28989-28994, 1995.	
		E. Ellen Reid et al., "Pyruvate Dehydrogenase Complex from Higher Plant Mitochondria and Proplastids," <i>Plant Physiol.</i> (1977) Vol. 59, pp. 842-848.	
		Christopher P.L. Grof et al., "Mitochondrial Pyruvate Dehydrogenase," <i>Plant Physiol.</i> (1995) Vol. 108, pp. 1623-1629.	
		Tom Newman et al., "Genes Galore: A Summary of Methods for Accessing Results from Large-Scale Partial Sequencing of Anonymous Arabidopsis cDNA Clones," <i>Plant Physiol.</i> (1994) Vol. 106, pp. 1241-1255.	
		2002 Life Technologies Product catalog, 3' RACE System for Rapid Amplification of cDNA Ends, 21-25, 1 page.	
		2002 Life Technologies Product catalog, 5' RACE System for Rapid Amplification of cDNA Ends, Version 2.0, 21-22, 1 page.	
		2002 Life Technologies Product catalog, M-MLV Reverse Transcriptase, 16-25, 1 page.	
		ZOU, Jitao et al., "Effects of antisense repression of an Arabidopsis thaliana pyruvate dehydrogenase kinase cDNA on plant development," National Research Council of Canada, Plant Biotechnology Institute, 110 Gymnasium Place, Saskatoon, Saskatchewan, Canada, S7N 0W9, <i>Plant Molecular Biology</i> 41:837-849, 1999, © 1999 Kluwer Academic Publishers, Printed in the Netherlands.	
		ZOU, Jitao et al., Cloning and characterization of an Arabidopsis thaliana mitochondrial pyruvate dehydrogenase kinase gene and effects of antisense repression on plant development and seed oil content. ABIC, Saskatoon, SK, June 9-12, 1998.	
		ZOU, J-T et al., Does Mitochondrially-Generated Acetate Contribute to Plastidial Fatty Acid Biosynthesis? Antisense repression of an Arabidopsis thaliana mitochondrial pyruvate dehydrogenase kinase (PDHK) gene and its effects on oil content and plant development, poster and abstract B71; 13th International Symposium on Plant Lipids, Sevilla, Spain, July 5-10, 1998.	
		THELEN, Jay J. et al., "Pyruvate dehydrogenase kinase from Arabidopsis thaliana: a protein histidine kinase that phosphorylates serine residues," <i>Biochem. J.</i> (2000) 349, 195-201, (Printed in Great Britain).	
		MOONEY, Brian P. et al., Biochemistry Department, University of Missouri, Columbia Missouri 65211; and Plant Genetics Research Unit, USDA, ARS, Columbia, Missouri, 65211, "Histidine Modifying Agents Abolish Pyruvate Dehydrogenase Kinase Activity," <i>Biochemical and Biophysical Research Communications</i> , 267, 500-503 (2000).	
BMR		THELEN, Jay J. et al., "Molecular Analysis of Two Pyruvate Dehydrogenase Kinases from Maize," <i>The Journal of Biological Chemistry</i> , Vol 273, No. 41, Issue of October 9, 1998, pp. 26618-26623.	
		Printout of GenBank Accession No.: AF038585.	
		Printout of GenBank Accession No.: AF038586.	
BMR		MARILLJA et al., Characterization of an Arabidopsis thaliana mitochondrial pyruvate dehydrogenase kinase gene and effects of antisense repression on plant development, Abstract and poster #24, pp. 99, Proceedings of the Canadian Society of Plant Physiologists Meeting, Plant Biology Canada '99, Saskatoon, SK, June 19-23, 1999.	
		MARILLJA et al., Metabolic Engineering of Brassica Seeds Oils: Improvement of Oil Quality and Quantity and Alteration of Carbon Flux, <i>Plant Genetic Engineering: Toward the Third Millennium</i> , Elsevier Science B.V., pp. 182-188.	
BMR		MARILLJA, et al., "Biochemical and physiological studies of Arabidopsis thaliana transgenic lines with repressed expression of the mitochondrial pyruvate dehydrogenase kinase," <i>Journal of Experimental Botany</i> , http://jxb.oupjournals.org/cgi/content/abstract/54/381/259 , 2 pages (8/14/03).	
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